

Claims:

Sub A1

1. The use of one or more water-soluble zirconium compounds as drying accelerators in aqueous coating compositions, the binders present in the coating compositions comprising polymer dispersions based on one or more homopolymers and/or copolymers.
2. The use as claimed in claim 1, characterized in that the overall zirconium compound content, calculated as zirconium oxide and based on the binders present in the coating compositions, is up to 50% by weight.
3. The use as claimed in claim 2, characterized in that the overall zirconium compound content is from 0.5 to 10% by weight.
4. The use as claimed in at least one of the preceding claims, characterized in that the zirconium compounds used comprise ammonium zirconium carbonate, zirconium acetoacetate, zirconium hydroxychloride, zirconium orthosulfate, zirconium propionate and/or potassium zirconium phosphate.
5. The use as claimed in claim 4, characterized in that ammonium zirconium carbonate is used as zirconium compound.
6. The use as claimed in at least one of the preceding claims, characterized in that the zirconium compounds are added to the coating compositions as solids and/or as aqueous solutions.
7. The use as claimed in at least one of the preceding claims, characterized in that in addition to the binder the coating compositions comprise film formers, pigments, fillers, thickeners, dispersants, wetting agents, preservatives, emulsifiers and/or defoamers.

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11. The use as claimed in at least one of claims 1 to 9, characterized in that the coating compositions comprise adhesives, pastes, putties, sealing compounds or pressure compensation coatings for exterior insulation and finish systems.
12. The use as claimed in at least one of claims 1 to 9, characterized in that the coating compositions comprise the unadditived binders which are used as they are.

Add A2

AMENDED SHEET